

FY 2013 CRC Calculation (August 2011)

		FY 2013	
Step 1	BFBB	Basin Fund Beginning Balance (\$)	\$181,788,000
	BFTB	Basin Fund Target Balance	\$23,335,500
	PAR	Projected Annual Revenue (\$) w/o CRC	\$189,555,000
	PAE	Projected Annual Expense (\$)	\$155,570,000
	NR	Net Revenue (\$)	\$33,985,000
	NB	Net Balance (\$)	\$215,773,000
			Projected beginning balance for FY2011 per financial cash flow analysis
			Basin Fund Target Balance = 15% *PAE
			Per financial cash flow analysis
			Per financial cash flow analysis
			=PAR-PAE
			=BFBB + NR
Step 2	EA	SHP Energy Allocation (GWh)	4,951.79
	HE	Forecasted Hydro Energy (GWh)	5,629.50
	FE	Forecasted Energy Purchase (GWh)	209
	Price	Average price per MWh for purchased power	\$38.47
	FX	Forecasted Energy Purchase Expense (\$)	\$8,025,703
			FY '11 SHP energy allocation excluding project use
			Projected generation from the most current 24-month study, does not include project use
			Forecasted Energy Purchase (GWh) from the most current 24-month study
			Average price = 60% onpeak + 40% offpeak
			Estimated purchased power costs based upon most current 24-month study
Step 3	FA1	Basin Fund Balance Factor (\$)	\$8,025,703
	FA2	Revenue Factor (\$)	\$8,025,703
	FA	Funds Available (\$) (Lesser of FA1 or FA2)	\$8,025,703
	FARR	Additional Revenue to be Recovered (FX-FA)	\$0
			If NB is greater than BFTB then use FA1=FX, if NB is less than BFTB then use FX-(BFTB-NB) Formula is: -IF(NB>BFTB,FX,FX-(BFTB-NB))
			If NR is greater than -25% of BFBB then FX, if NR is less than -25% of BFBB then, FX+(NR+(25%*BFBB)) Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
			Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
			=FX-FA
Step 4	WL	Waiver Level (GWh)	5,630
	WLP	Waiver level percentage of full SHP	114%
	CRCE	CRC Energy GWh (EA-WL)	0
	CRCEP	CRC level percentage of full SHP	0%
	CRC	Cost Recovery Charge (mills/kWh)	-
			Equals the lesser of SHP or HE + (FE * (FA / FX))
			Percent of waiver level to full SHP
			= EA-WL (Does not include losses projected at 7.81%)
			Percent of CRCE to full SHP or CRCE/EA
			=FARR / (EA * 1000)
Note:		Cash flow projections 8/11 August 2011, 24-month study	